

# POLYGLASS® PRIMER EP-1020

## TWO-COMPONENT EPOXY PRIMER DESIGNED FOR USE ON METAL SUBSTRATES

### PRODUCT DESCRIPTION

Polyglass Primer EP-1020 is a two-component, 100% solids epoxy resin designed to promote adhesion between metal substrates and Tecnocoat membrane systems.

### FEATURES AND BENEFITS

- 100% Epoxy Primer
- 15 kg; 2:1
- Pot life: 30 minutes
- Dry time 2 hours
- Coverage @ 10 mils 160 ft<sup>2</sup>/gal (530 ft<sup>2</sup>/kit)
- Can be used on metal
- Roller, brush or notched trowel application
- Above 40°F on concrete

### TECHNICAL DESCRIPTION

Properties	Value
Viscosity	800 cps
Density	1.05 g/cm <sup>3</sup>
Mix Ratio	2.2:1
Solids Content	100%
VOC Content	0
Hardness Shore A	75
Adhesion to Concrete	500 psi
Adehesion to metal	350 psi
Application Temperature Range	40°F and rising
Pot Life	30 minutes
Dry time	3 hours

### LIMITATIONS

Not for use on wood substrates.

### STORAGE AND SHELF LIFE

12 months shelf life if stored in original containers in a dry environment at a temperature between 40°F–95°F. Keep away from direct sunlight, extreme heat, cold or moisture.

### SURFACE PREPARATION

Concrete substrates must be allowed to cure for 28 days. All laitance, surface / release treatments, or other contaminants must be removed. Concrete must have a ICRI surface profile of 3–5, which is typically best accomplished by mechanical preparation.



### PRODUCT DATA

Application method..... Roller, brush or notched trowel

### WHERE TO USE

- Designed for use on metal substrates when using Tecnocoat P-2049 EL.

### PACKAGING

#### Metallic pail kit (15 kg):

Part A 10.3 kg  
Part B 4.7 kg

### PRODUCT CODES

- 0196815 Part A
- 0196915 Part B



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### APPLICATION

#### TEMPERATURE

The substrate and ambient temperature must be between 40°F and 95°F with a concrete moisture content of less than 5%. For applications from 32°F–40°F use Primer PUC-1050 or consult Polyglass Technical Services.

Both Parts A & B are sensitive to moisture, ensure the pails are protected from moisture during storage and application.

#### MIXING AND APPLICATION

After opening, both Parts A and B, slowly pour the entire contents of Part B into the Pail of Part A. Mix for approximately 4–5 minutes and ensure a uniform color. Do not overmix or entrap air.

Immediately after mixing, apply to the substrate by roller, brush, or notched trowel.

Primer EP-1020 should be applied in coats of approximately 10 mils.

Primer EP-1020 can be applied in conjunction with silica sand to remediate small surface defects in concrete substrates.

Ensure Tecnocoat waterproofing membranes are applied within 24 hours of the Primer EP-1020 application

#### CLEANING

- Tools can be cleaned with Xylene or MEK.

#### HEALTH AND SAFETY

- Respiratory Protection: When handling or spraying use an air-purifying respirator.
- Skin protection: Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking, or smoking.
- Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in the air.
- Dispose waste in accordance with federal, state, and local regulations.

### CORPORATE HEADQUARTERS

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#### Product Disclaimer:

For professional use only.

Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 1 year. Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control. For most current product data, detail drawings and warranty information, visit [www.polyglass.us](http://www.polyglass.us)